SPECIFIC GRAVITY OF BITUMINOUS MIX COMPONENTS

	DATE
PROJECT	JOB

COARSE AGGREGATE			UNITS (Grams)			
MATERIAL _____ SIEVE AND RETAINED ON _____ SIEVE						
SAMPLE NUMBER						
1. WEIGHT OF OVEN - DRY AGGREGATE						
2. WEIGHT OF SATURATED AGGREGATE IN WATER						
3. DIFFERENCE (Line 1 minus 2)						
APPARENT SPECIFIC GRAVITY, $G = \frac{(Line\ 1)}{(Line\ 3)}$						

FINE AGGREGATE			UNITS (Grams)			
MATERIAL PASSING NUMBER _____ SIEVE						
SAMPLE NUMBER						
4. WEIGHT OF OVEN - DRY MATERIAL						
5. WEIGHT OF FLASK FILLED WITH WATER AT 20°C						
6. SUM (Line 4 + 5)						
7. WEIGHT OF FLASK + AGGREGATE + WATER AT 20°C						
8. DIFFERENCE (Line 6 minus 7)						
APPARENT SPECIFIC GRAVITY, $G = \frac{(Line\ 4)}{(Line\ 8)}$						

FILLER			UNITS (Grams)			
SAMPLE NUMBER						
9. WEIGHT OF OVEN - DRY MATERIAL						
10. WEIGHT OF FLASK FILLED WITH WATER AT 20°C						
11. SUM (Line 9 + 10)						
12. WEIGHT OF FLASK + AGGREGATE + WATER AT 20°C						
13. DIFFERENCE (Line 11 minus 12)						
APPARENT SPECIFIC GRAVITY, $G = \frac{(Line\ 9)}{(Line\ 13)}$						

BINDER			UNITS (Grams)			
SAMPLE NUMBER						
14. WEIGHT OF PYCNOMETER FILLED WITH WATER						
15. WEIGHT OF EMPTY PYCNOMETER						
16. WEIGHT OF WATER (Line 14 minus 15)						
17. WEIGHT OF PYNOMETER + BINDER						
18. WEIGHT OF BINDER (Line 17 minus 15)						
19. WEIGHT OF PYCNOMETER + BINDER + WATER TO FILL PYCNOMETER						
20. WEIGHT OF WATER TO FILL PYCNOMETER (Line 19 minus 17)						
21. WEIGHT OF WATER DISPLACED BY BINDER (Line 16 minus 20)						
APPARENT SPECIFIC GRAVITY, $G = \frac{(Line\ 18)}{(Line\ 21)}$						

TECHNICIAN (Signature)	COMPUTED BY (Signature)	CHECKED BY (Signature)

DD FORM 1216, DEC 65   PREVIOUS EDITION OF THIS FORM IS OBSOLETE.